

Table of Contents

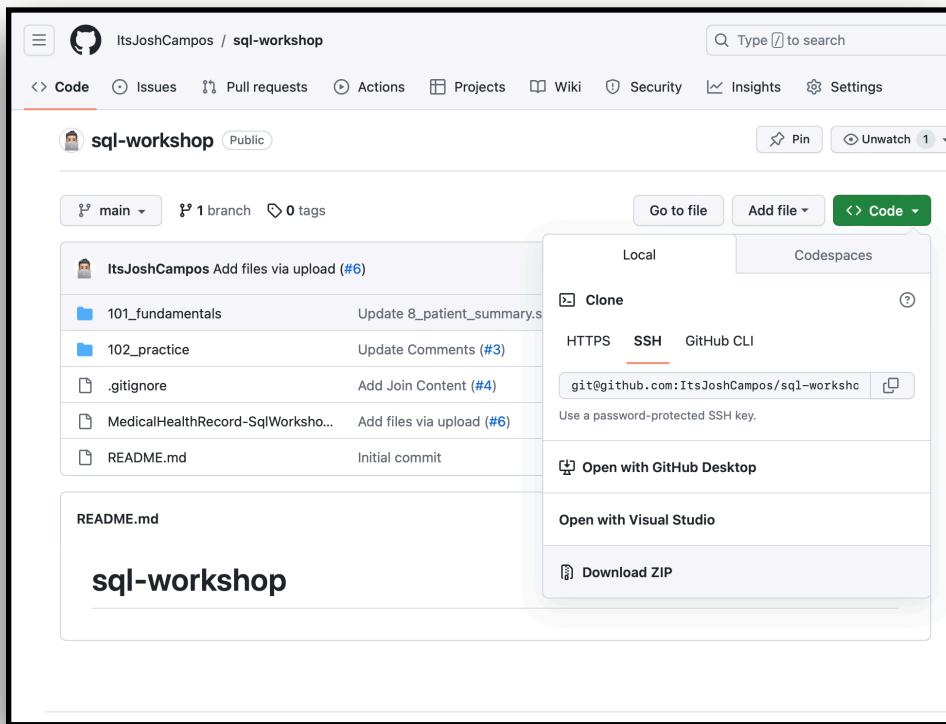
Download Github Project	2
Setup PostgresSQL	3
Download PostgreSQL installer	4
Installer instructions	5
Start up PGAdmin	7
Create new Local database	9
Restore Database	10

Download Github Project

<https://github.com/ItsJoshCampos/sql-workshop>

Select **MAIN** branch.

Click the **Green Code** button and select **Download ZIP**.



Once downloaded and extracted, the directory for **MedicalHealthRecord-SqlWorkshop.sql.zip** will need to be extracted in order access the database backup.

macOS: double click zipped file to extract.

Windows: Right click > Extract All. Choose your directory to extract files to.

Save this directory, we will restore this database later.

Setup PostgreSQL

<https://www.postgresql.org/download/>

Choose your operating system.

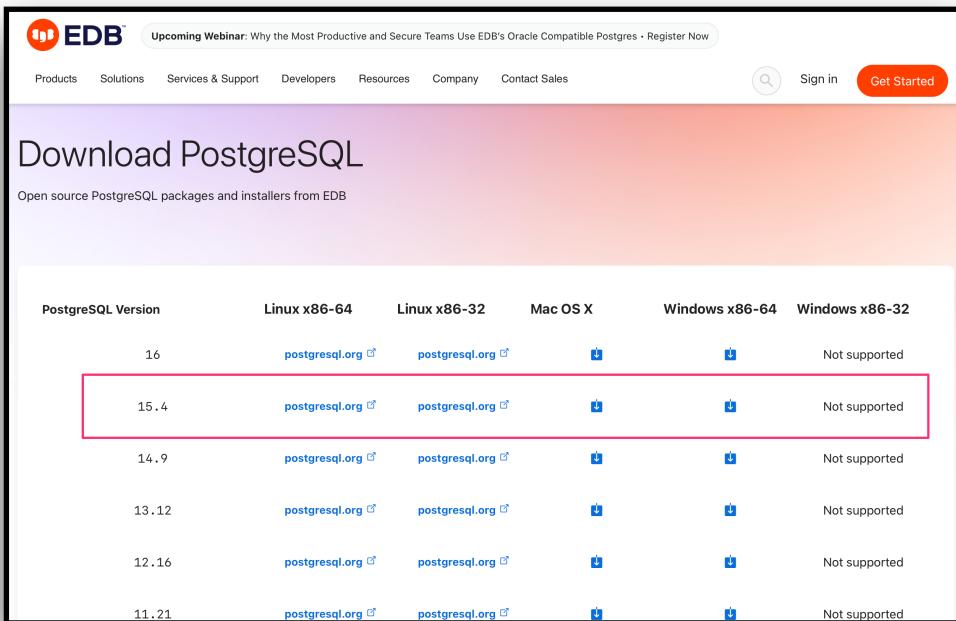
The screenshot shows the PostgreSQL download page. At the top, there's a navigation bar with links for Home, About, Download, Documentation, Community, Developers, Support, Donate, and Your account. A search icon and a user profile icon are also present. A banner at the top of the main content area reads "14th September 2023: PostgreSQL 16 Released!". On the left, there's a "Quick Links" sidebar with categories like Downloads (Packages, Source), Software Catalogue, and File Browser. The main content area is titled "Downloads" with a download icon. Below it is a section titled "PostgreSQL Downloads". It explains that PostgreSQL is available for download as ready-to-use packages or installers for various platforms, as well as a source code archive if you want to build it yourself. There's a heading for "Packages and Installers" and a sub-section for "Select your operating system family". Five boxes represent different platforms: Linux (Ubuntu logo), macOS (Apple logo), Windows (Windows logo), BSD (BSD logo), and Solaris (Solaris logo). The boxes for Linux, macOS, and Windows are highlighted with a blue border, while the others are white.

Download PostgreSQL installer

Click the **Download the Installer** link to the EDB site.



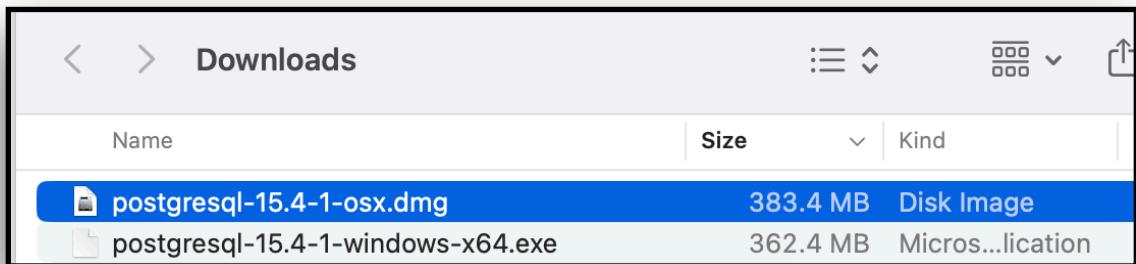
Click the 15.4 version download button for your Operating System



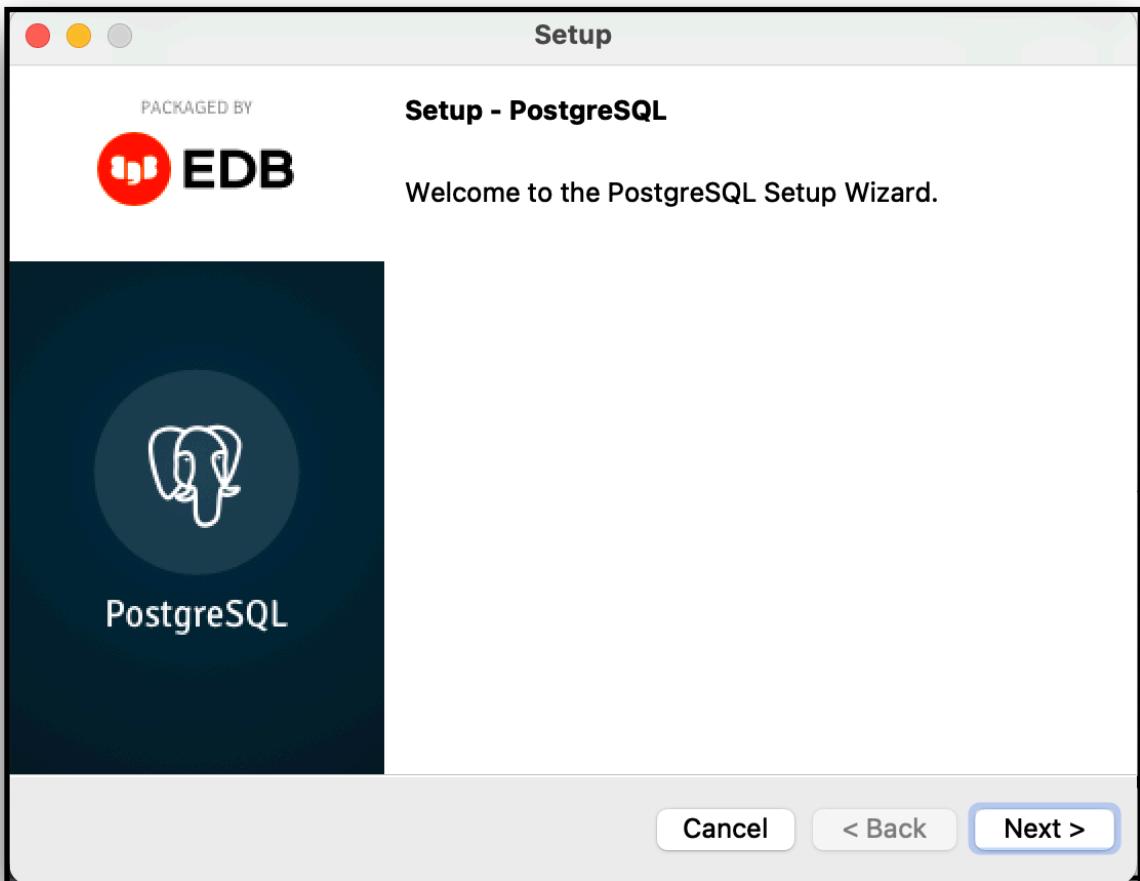
The installer will download to your Downloads folder.

Installer instructions

Once the download is complete, double click the installer to begin.



1. Accept the security warning to install and the setup window will look like the following screenshot. Click Next.



2. Installation directory: Leave default, Click Next
3. Select Components: Leave all checked, Click Next
4. Data Directory: Leave Default, Click Next
5. Password for **postgres** admin user: create your own and DO NOT LOSE IT. Click Next
6. Port: Leave default 5432, Click Next
7. Advanced Options: Leave Default Locale, Click Next
8. Install Summary: Click Next
9. Ready to install, Click Next

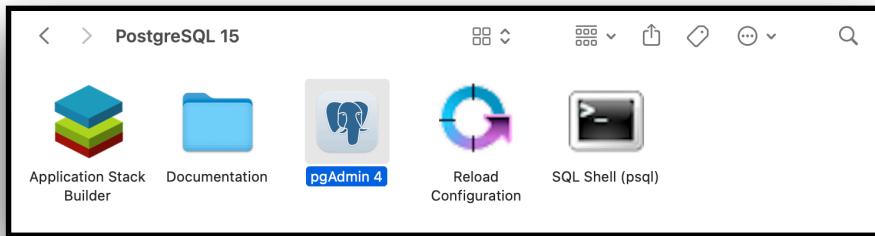
After completion, **Uncheck** the Stack Builder Launch at exit checkbox. You don't need this tool to continue.

10. Click Finish

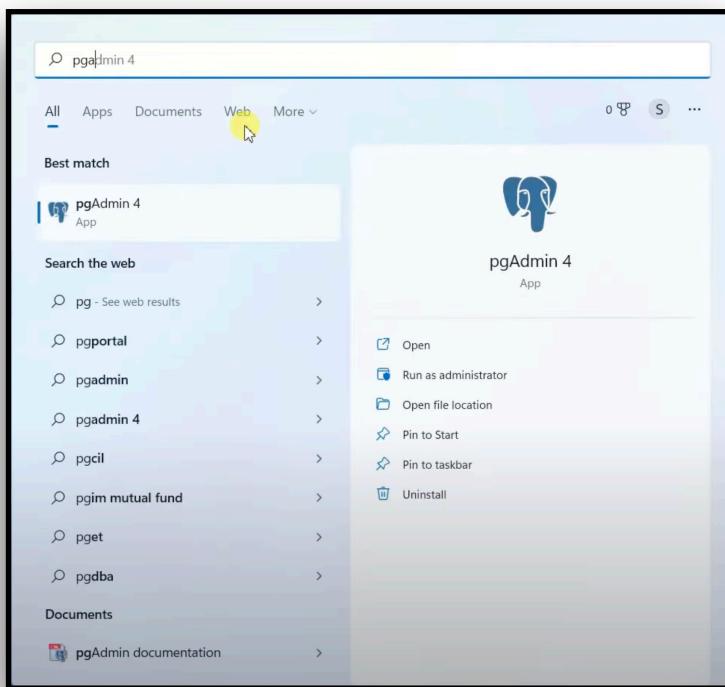
Start up PGAdmin

PGAdmin is the database explorer tool for PostgreSQL.

Start PGAdmin from **Applications > PostgreSQL 15 (macOS)**

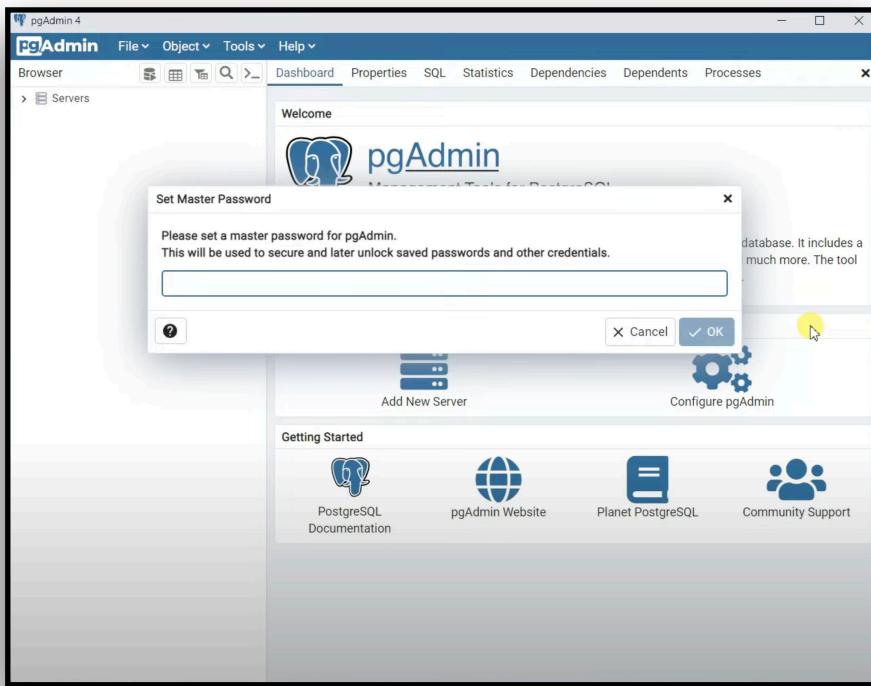


or **Search Programs (Windows)**



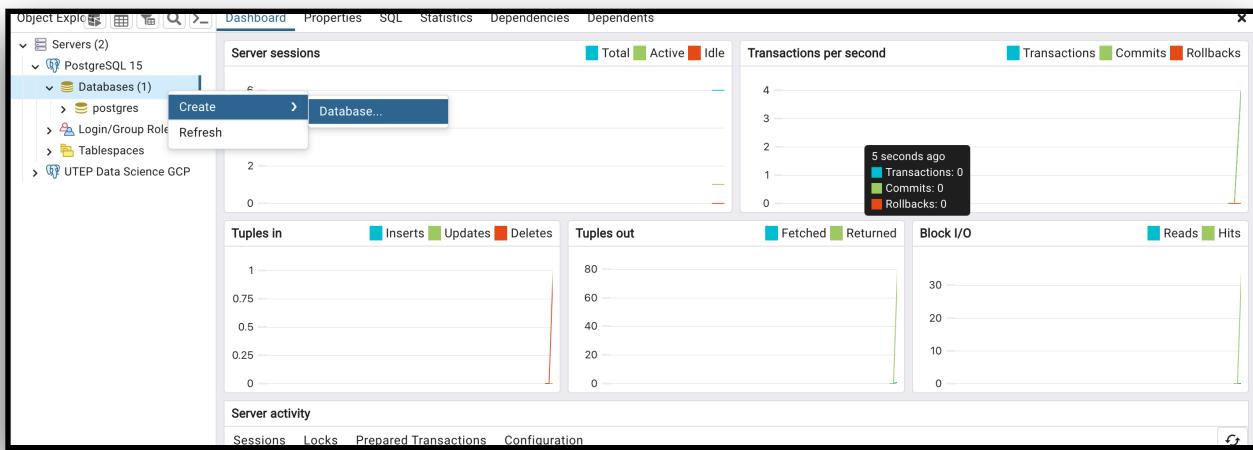
Enter admin password setup during installation.

After you have entered your password you are on the Dashboard screen. Click the save password option to prevent having to enter it each time.



Create new Local database

Expand the Servers menu on the left and select your Server PostgreSQL15.
Right click Databases > Create > Database.

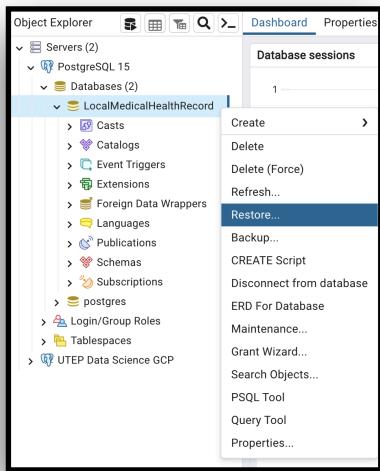


Enter database name **LocalMedicalHealthRecord** and leave all other settings default. Click Save button.

The screenshot shows the 'Create - Database' dialog box. The 'General' tab is selected. In the 'Database' field, the name 'LocalMedicalHealthRecord' is entered. In the 'Owner' field, the user 'postgres' is selected. There is a 'Comment' field which is currently empty. At the bottom of the dialog, there are three buttons: 'Info' (with an 'i' icon), 'Help' (with a question mark icon), 'Close' (with a close icon), 'Reset' (with a circular arrow icon), and 'Save' (with a disk icon).

Restore Database

Right click your newly created database, LocalMedicalHealthRecord. Select the Restore option.



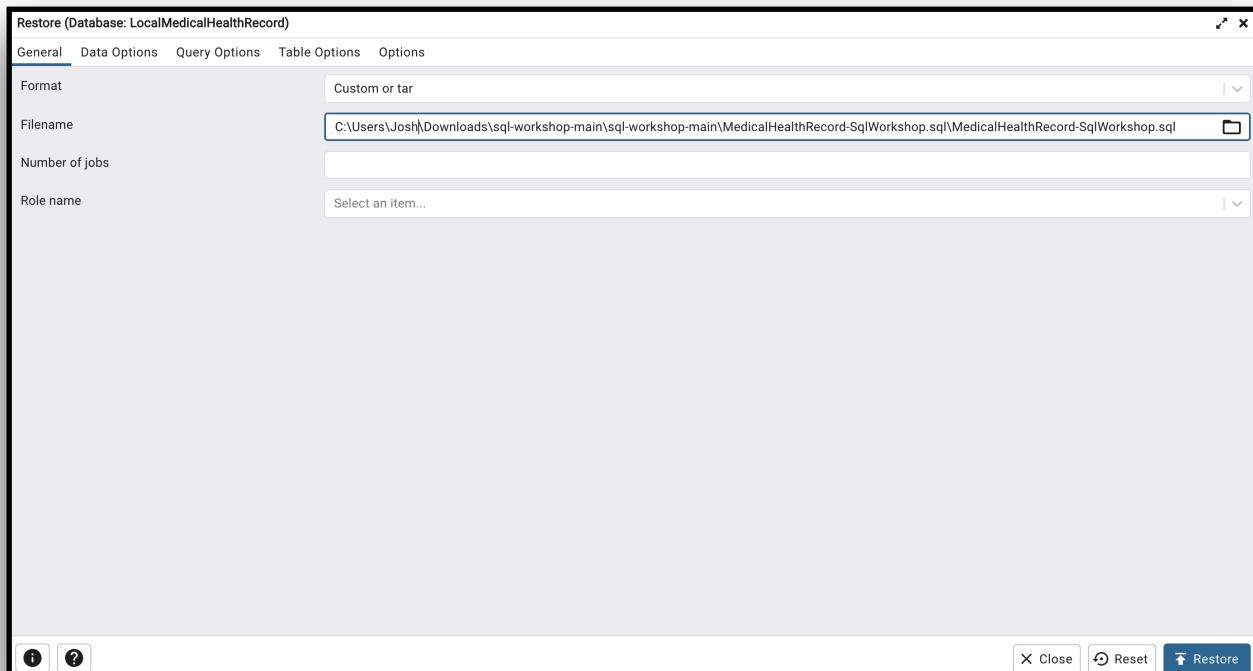
Restore on **Windows OS**, select the following:

Format: **Customer or Tar**

Filename: **File path to the backup .sql file from Github**

C:\Users\josh\Downloads\sql-workshop-main\sql-workshop-main\MedicalHealthRecord-SqlWorkshop.sql\MedicalHealthRecord-SqlWorkshop.sql

Leave all other setting default. Click Restore.



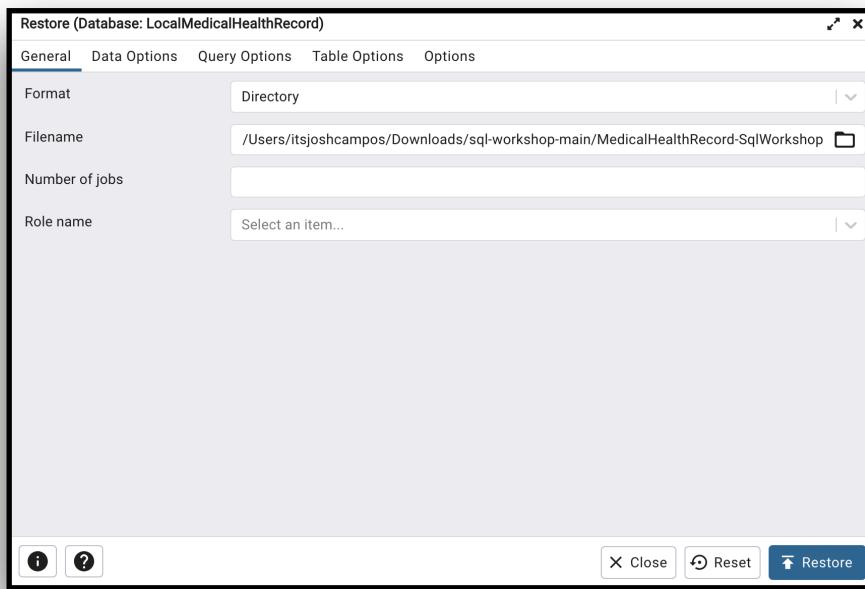
Restore on **macOS**, select the following:

Format: **Directory**

Filename: **File path to the directory of the database backup from Github**

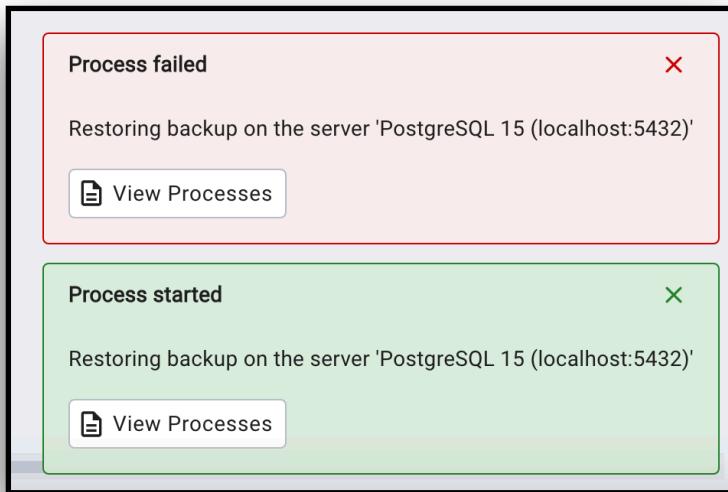
/Users/itsjoshcampos/Downloads/sql-workshop-main/MedicalHealthRecord-SqlWorkshop

Leave all other setting default. Click Restore.



You will see a process started and process failed update. Ignore that, the reason for the error is because the database doesn't have the accounts setup, they won't be needed.

You will use your local admin accounts on your local machine.



Lastly, verify the schemas and tables were installed in your database. You should see two schemas: **executive** and **public**.

You should also see tables in the **public** schema: **event**, **facility**, **location**, **patient**, **patient_event**, **physician**.

